SAMSUNG TECHWIN

WIV

See in the Dark

Day & Night IR LED Dome Camera

SIR-60

The SIR-60 is a true day/night indoor fixed dome camera with built-in IR LEDs (effective up to 7m) to provide effective 24-hour surveillance. Offering 580TV lines resolution of crisp color image during the day, the camera automatically activates the LEDs, removes its integrated IR-cut filter and switches to monochrome mode at night. This gives unrivalled low-light performance without the need for additional lighting and makes the SIR-60 the ideal solution for applications that require around the clock surveillance.

- High resolution of 580TV lines in color
- Day & Night with ICR , Min. illumination of 0Lux@F1.2 (LED on)
- SSNRII, 3D noise reduction saves DVR storage space
- Built-in high-performance IR LEDs
- Easy adjustment with 3-axis camera mount

Preliminary

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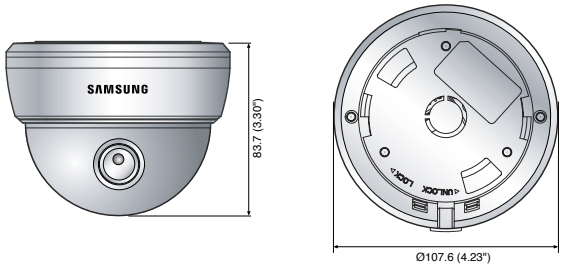
Specifications

	SIR-60N	SIR-60P
ELECTRICAL		
Input Voltage	12V DC	
Power Consumption	Max. 3.5W (LED On)	
VIDEO		
Imaging Device	1/3″ Super HAD CCD	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Effective Pixels	768(H) x 494(V)	752(H) x 582(V)
Scanning System	2 : 1 Interlace	
Synchronization	Internal / Line lock	
Frequency	H : 15.734KHz / V : 59.94Hz	H : 15.625KHz / V : 50Hz
Horizontal Resolution	Color : 580TV lines (Min.) / B/W : 700TV lines (Min.)	
Min. Illumination	Color : 0.15Lux (50 IRE@F1.2), 0.0003Lux (Sens-up, 512X) B/W : 0Lux (LED on)	
S / N (Y signal)	52dB	
Video Output	CVBS : 1.0Vp-p / 75Ω	
LENS		
Zoom Ratio	Fixed	
Focal Length	3.6mm	
Max. Aperture Ratio	F2.0	
Min. Object Distance	0.4m (1.31ft)	
Angular Field of View	H : 71°, V : 52°	
PAN / TILT / ROTATE		
Pan Range	0° ~ 352°	
Tilt Range	0° ~ 75°	
Rotate Range	0° ~ 348°	
OPERATIONAL		
On Screen Display	Built-In (Currently supported language : English, Spanish, French, German, Italian, Japanese, Chinese)	
Camera Title	On / Off	
Day & Night	Auto (ICR) / Color / B/W	
Backlight Compensation	BLC / HLC / Off	
Motion Detection	On / Off	
Privacy Masking	On / Off (8 Programmable zones)	
3D Noise Filter (SSNRII)	Low / Medium / High / Off	
Sens-up (Frame Integration)	On / Off (Selectable limit ~ 512X)	
Gain Control	Low / High / Off	
White Balance	ATW / AWC / Manual / Indoor / Outdoor	
Electronic Shutter Speed	Auto (NTSC : 1/60 ~ 1/120,000sec, PAL : 1/50 ~ 1/120,000) / Manual / A.FLK	
Flip	On / Off	
Mirror	On / Off	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C / 20% ~ 80% RH	
Storage Temperature / Humidity	-20°C ~ +60°C / 20% ~ 90% RH	
MECHANICAL		
Dimension (WxHxD)	Ø107.6 x 83.7mm (Ø4.23″ x 3.30″)	
Weight	280g (0.61 lb)	
IR LED	8ea	
IR Distance	7m (23ft)	
Certification	FCC (Class A), cUL/UL listed	CE (Class A)

Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products,and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.

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